

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: February 11, 2002, 08:54:43 ; Search time 12.61 Seconds
(without alignments)
260.546 Million cell updates/sec

Title: US-09-385-114-2

Perfect score: 787

Sequence: 1 PALPEDGGGAGPPGPHKDP.....GPKTGGKAILFLPMSAKS 146

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA.*

- 1: /cgn2_6/ptodata/2/1aa/5A_COMB.pep.*
- 2: /cgn2_6/ptodata/2/1aa/5B_COMB.pep.*
- 3: /cgn2_6/ptodata/2/1aa/6A_COMB.pep.*
- 4: /cgn2_6/ptodata/2/1aa/6B_COMB.pep.*
- 5: /cgn2_6/ptodata/2/1aa/PCTUS_COMB.pep.*
- 6: /cgn2_6/ptodata/2/1aa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	787	100.0	155	5	PCT-US91-02186-4
2	787	100.0	155	6	5514566-6
3	776	98.6	146	2	US-08-231-894A-11
4	776	98.6	153	3	US-08-325-186-2
5	776	98.6	154	2	US-08-438-439C-24
6	776	98.6	154	3	US-08-325-186-1
7	776	98.6	154	5	PCT-US91-02186-6
8	776	98.6	155	1	US-07-959-369-6
9	776	98.6	155	1	US-08-023-757-2
10	776	98.6	155	1	US-07-842-177A-1
11	776	98.6	155	1	US-08-177-502-2
12	776	98.6	155	1	US-08-439-725A-10
13	776	98.6	155	1	US-08-325-632-1
14	776	98.6	155	1	US-08-462-169B-10
15	776	98.6	155	2	US-08-867-471-10
16	776	98.6	155	2	US-08-438-439C-14
17	776	98.6	155	2	US-08-951-822-28
18	776	98.6	155	3	US-09-103-079-10
19	776	98.6	155	3	US-08-705-245-6
20	776	98.6	155	3	US-08-897-924A-25
21	776	98.6	155	3	US-08-718-904-11
22	776	98.6	155	3	US-09-023-082A-17
23	776	98.6	155	3	US-09-030-613-3
24	776	98.6	155	4	US-09-098-628-2
25	776	98.6	155	4	US-09-451-905-3
26	776	98.6	155	5	PCT-US91-02186-2
27	776	98.6	155	6	5514566-8

28	776	98.6	158	2	US-08-599-895-3	Sequence 3, Appli
29	776	98.6	158	3	US-09-211-290-3	Sequence 3, Appli
30	776	98.6	158	3	US-09-322-676-3	Sequence 3, Appli
31	776	98.6	158	4	US-09-220-077C-2	Sequence 2, Appli
32	776	98.6	158	4	US-09-466-036A-3	Sequence 3, Appli
33	776	98.6	210	1	US-08-464-590A-14	Sequence 14, Appli
34	776	98.6	210	2	US-08-207-412B-9	Sequence 9, Appli
35	776	98.6	210	3	US-09-093-585-14	Sequence 14, Appli
36	776	98.6	235	1	US-08-078-683A-39	Sequence 39, Appli
37	776	98.6	432	1	US-07-959-369-8	Sequence 8, Appli
38	776	98.6	432	2	US-08-836-854-20	Sequence 20, Appli
39	773	98.2	155	1	US-07-959-369-7	Sequence 7, Appli
40	773	98.2	432	1	US-07-959-369-9	Sequence 3, Appli
41	770.5	97.9	145	1	US-08-187-780-3	Sequence 3, Appli
42	770.5	97.9	145	2	US-08-478-485-3	Sequence 3, Appli
43	770	97.8	146	6	5464943-6	Patent No. 5464943
44	770	97.8	146	6	5464943-8	Patent No. 5464943
45	767	97.5	146	6	5464943-26	Patent No. 5464943

ALIGNMENTS

RESULT 1
PCT-US91-02186-4
; Sequence 4, Application PC/TUS9102186
; GENERAL INFORMATION:
; APPLICANT: California Biotechnology Inc.
; APPLICANT: Inventors: Thompson, Stewart A.
; APPLICANT: Abraham, Judith A.
; TITLE OF INVENTION: High Level Expression of Basic
; TITLE OF INVENTION: Fibroblast Growth Factor Having a Homogeneous
; TITLE OF INVENTION: N-terminus
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Irell & Manella
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025-3471
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/02186
; FILING DATE: 19910702
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 1900-0275.41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 155 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US91-02186-4

Query Match 100.0%; Score 787; DB 5; Length 155;
Best Local Similarity 100.0%; Pred. No. 1.3e-83;
Matches 146; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PALPEDGGGAGPPGPHKDPKRLKCKNGGFFLRIHPDGRVDGVRKSDPHIKLQAEER 60
Db 10 PALPEDGGGAGPPGPHKDPKRLKCKNGGFFLRIHPDGRVDGVRKSDPHIKLQAEER 69

QY 61 GVSIGKVCANRYLAMKEDGRLASKCVTDCEFFERLESNNNTYRSRYSSWYVALKR 120
Db 70 GVSIGKVCANRYLAMKEDGRLASKCVTDCEFFERLESNNNTYRSRYSSWYVALKR 129
QY 121 TGQYKLGPKTGPQKAILFLPMSAKS 146
Db 130 TGQYKLGPKTGPQKAILFLPMSAKS 155

RESULT 2

5514566-6
; Patent No. 5514566
; APPLICANT: FIDDES, JOHN C.; ABRAHAM, JUDITH A.
; TITLE OF INVENTION: METHODS OF PRODUCING RECOMBINANT
; FTBROBLASTS GROWTH FACTORS
; NUMBER OF SEQUENCES: 21
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/417,022
; FILING DATE: 05-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 809,163
; FILING DATE: 16-DEC-1985
; APPLICATION NUMBER: 775,521
; FILING DATE: 12-SEP-1985
; SEQ ID NO:6:
; LENGTH: 155
5514566-6

Query Match 100.0%; Score 787; DB 6; Length 155;
Best Local Similarity 100.0%; Pred. No. 1.3e-83;
Matches 146; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PALPEDGGSGAPPGHFKDPKRLCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAEE 60
Db 10 PALPEDGGSGAPPGHFKDPKRLCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAEE 69
QY 61 GVSIGKVCANRYLAMKEDGRLASKCVTDCEFFERLESNNNTYRSRYSSWYVALKR 120
Db 70 GVSIGKVCANRYLAMKEDGRLASKCVTDCEFFERLESNNNTYRSRYSSWYVALKR 129
QY 121 TGQYKLGPKTGPQKAILFLPMSAKS 146
Db 130 TGQYKLGPKTGPQKAILFLPMSAKS 155

RESULT 3

US-08-231-894A-11
; Sequence 11, Application US/08231894A
; Patent No. 5851990
; GENERAL INFORMATION:
; APPLICANT: FUJISHIMA, AKIRA
; APPLICANT: FUKUDA, TSUNEHIKO
; TITLE OF INVENTION: BGFG MUTEIN AND ITS PRODUCTION
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS
; ADDRESSEE: & CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: US
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/231,894A
; FILING DATE: 22-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/873907
; FILING DATE: 24-APR-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 097655-1991
; FILING DATE: 26-APR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 066381-1992
; FILING DATE: 24-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 41769-FWC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 146 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; US-08-231-894A-11

Query Match 98.6%; Score 776; DB 2; Length 146;
Best Local Similarity 98.6%; Pred. No. 2.2e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 PALPEDGGSGAPPGHFKDPKRLCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAEE 60
Db 1 PALPEDGGSGAPPGHFKDPKRLCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAEE 60
QY 61 GVSIGKVCANRYLAMKEDGRLASKCVTDCEFFERLESNNNTYRSRYSSWYVALKR 120
Db 61 GVSIGKVCANRYLAMKEDGRLASKCVTDCEFFERLESNNNTYRSRYSSWYVALKR 120
QY 121 TGQYKLGPKTGPQKAILFLPMSAKS 146
Db 121 TGQYKLGPKTGPQKAILFLPMSAKS 146

RESULT 4

US-08-325-186-2
; Sequence 2, Application US/08325186
; Patent No. 6046164
; GENERAL INFORMATION:
; APPLICANT: ASANO, Taiji
; APPLICANT: SUGIMOTO, Hajime
; APPLICANT: TERASHIMA, AKIO
; APPLICANT: NAKANO, Yoshiko
; APPLICANT: AMAKAWA, Masahiro
; APPLICANT: SAGA, Katumasa
; TITLE OF INVENTION: THERAPEUTIC AGENT FOR DISEASES OF PERIODONTAL
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Armstrong, Westerman, Hattori, McLealand &
; ADDRESSEE: Naughton
; STREET: 1725 K St. N.W. Suite 1000
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 in, 1.44Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS, Version 5.0

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; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 154 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-438-439C-24

Query Match          98.6%; Score 776; DB 2; Length 154;
Best Local Similarity 98.6%; Pred. No. 2.4e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps

QY 1 PALPDGGSGAPPPGHFKDPKRLYKNGGFFFLRIHPDGRVDGVREKSDPHIKLQQAER 60
   |||||
Db 9 PALPDGGSGAPPPGHFKDPKRLYKNGGFFFLRIHPDGRVDGVREKSDPHIKLQQAER 68
   |||||
QY 61 GVYSIKGVCANRYLAMEKDGRLLASKCVTDECFFERLESNNNTYRSKYSWYVALAR 120
   |||||
Db 69 GVYSIKGVCANRYLAMEKDGRLLASKCVTDECFFERLESNNNTYRSKYSWYVALAR 128
   |||||
QY 121 TGQYKLGPKTGPCQKAILFLPMSAKS 146
   |||||
Db 129 TGQYKLGSKTGPCQKAILFLPMSAKS 154
   |||||

RESULT 6
US-08-325-186-1
; Sequence 1, Application US/08325186
; Patent No. 6046164
; GENERAL INFORMATION:
; APPLICANT: ASANO, Taiji
; APPLICANT: SUGIMOTO, Hajime
; APPLICANT: TERASHIMA, Akio
; APPLICANT: NAKANO, Yoshiko
; APPLICANT: AMAKAWA, Masahiro
; APPLICANT: SAGA, Katumasa
; TITLE OF INVENTION: THERAPEUTIC AGENT FOR DISEASES OF PERIODONTAL
; TITLE OF INVENTION: TISSUE
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Armstrong, Westerman, Hattori, McLeiland &
; ADDRESSEE: Naughton
; STREET: 1725 K St. N.W. Suite 1000
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 in, 1.44Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS, Version 5.0
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/325,186
; FILING DATE: 24-MAY-95
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP93/01211
; FILING DATE: 25-AUG-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Stevens-Smith, Theresa M.
; REGISTRATION NUMBER: 36,281
; REFERENCE/DOCKET NUMBER: 950319
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 659-2930
; TELEFAX: (202) 887-0357
; TELEX: 440142
; INFORMATION FOR SEQ ID NO: 1:

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;
; SEQUENCE CHARACTERISTICS:
;
; LENGTH: 154
;
; TYPE: amino acid
;
; TOPOLOGY: linear
;
; MOLECULE TYPE: protein
US-08-325-186-1

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Query Match	98.6%	Score 776;	DB 3;	Length 154;
Best Local Similarity	98.6%;	Pred. No. 2.4e-82;		
Matches 144;	Conservative	1;	Mismatches	1; Indels

	Matches	144;	Conservative	1;	Mismatches	1;	Indels	0;	Gaps
Qy	1	PALPEDGGSGA	PPGCHGFKDPRKRYLCKNGGFF	RIHPDGRVGDVREKSDPHIKLQQAER	60				
Db	9	PALPEDGGSGA	PPGCHGFKDPRKRYLCKNGGFF	RIHPDGRVGDVREKSDPHIKLQQAER	68				
Qy	61	GVYSIKGCY	CANRYLAMEDGRGLLASKCVTD	DECFERLESNNYTYRSKYSWYVALKR	120				
Db	69	GVYSIKGCY	CANRYLAMEDGRGLLASKCVTD	DECFERLESNNYTYRSKYSWYVALKR	128				
Qy	121	TCQYKLG	PKTGGQKAILFLPMSAKS	146					
Db	129	TCQYKLG	SKTGGQKAILFLPMSAKS	154					

RESULT	7
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PCT-US91-02186-5
; Sequence 6, Application PC/TUS9102186
; GENERAL INFORMATION:
; APPLICANT: California Biotechnology Inc.
; APPLICANT: Inventors: Thompson, Stewart A.
; APPLICANT: Abraham, Judith A.
; TITLE OF INVENTION: High Level Expression of Basic
; TITLE OF INVENTION: Fibroblast Growth Factor Having a Homogeneous
; NUMBER OF SEQUENCES: N-terminus
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Irell & Manella
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025-3471
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/02186
; FILING DATE: 19910702
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 1900-0275.41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 154 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; PCT-US91-02186-6

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Query Match          98.6%; Score 776; DB 5; Length 154;
Best Local Similarity 98.6%; Pred. No. 2.4e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 1 PALPDGGSGAPPPGHHFKDPRKLYCKNGSGFLRIHDPGRVDGVREKSDPHIKLQIAEER 60
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Db      9  PALPEDGGGAFFPGHFHKPKRLYCKNGGFFLRHDPDGRVDGVREKSDPHIKLQQAEEH  68
QY      61  GVWSIKGVCANRYLAMKEDGRLLASKCVTDECFFERLESNNYNTYRSKYSWYVALKR  120
Db      69  GVWSIKGVCANRYLAMKEDGRLLASKCVTDECFFERLESNNYNTYRSKYSWYVALKR  128
QY      121  TGQYKLGPKYTPGQKAILFLPMSAKS  146
Db      129  TGQYKLGSKTGPQKAILFLPMSAKS  154

RESULT      8
US-07-959-369-6
; Sequence 6, Application US/07959369
; Patent No. 5302701
; GENERAL INFORMATION:
; APPLICANT: Hidetaka HASHI et al.
; TITLE OF INVENTION: No. 5302701el Functional Polypeptide
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wenderoth, Lind & Ponack
; STREET: 805 Fifteenth Street, N.W., #700
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 500 kb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/959,369
; FILING DATE: 19921013
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warren M. Cheek Jr.
; REGISTRATION NUMBER: 33,367
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-8850
; TELEFAX:
; TELEX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 155 amino acids
; TYPE: AMINO ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: polypeptide
; HYPOTHETICAL:
; ANTI-SENSE:
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; ORGANISM:
; STRAIN:
; INDIVIDUAL ISOLATE:
; DEVELOPMENTAL STAGE:
; HAPLOTYPE:
; TISSUE TYPE:
; CELL TYPE:
; CELL LINE:
; ORGANELLE:
; IMMEDIATE SOURCE:
; LIBRARY:
; CLONE:
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT:
; MAP POSITION:
; UNITS:

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;   TELEX: 710-474-4059
;   INFORMATION FOR SEQ ID NO: 2:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 155 amino acids
;     TYPE: amino acid
;     TOPOLOGY: linear
;   MOLECULE TYPE: protein
;
US-08-023-757-2

Query Match          98.6%; Score 776; DB 1; Length 155;
Best Local Similarity 98.6%; Pred. No. 2.4e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps

QY 1 PALPDGGSGAFPPGHFKDPKRLYCKNKGFFFLRIHPDGRVDGVREKSDPHIKLQQAEE 60
Db 10 PALPDGGSGAFPPGHFKDPKRLYCKNKGFFFLRIHPDGRVDGVREKSDPHIKLQQAEE 69
QY 61 GYVISIKGVCANRYLAMKEDGRLLASKCVTDECEFFERLESNNNTYRSRKYSSWYVALKR 120
Db 70 GYVISIKGVCANRYLAMKEDGRLLASKCVTDECEFFERLESNNNTYRSRKYSSWYVALKR 129
QY 121 TGVQKLGSKTGPQKAILFLPMSAKS 146
Db 130 TGVQKLGSKTGPQKAILFLPMSAKS 155

RESULT 10
US-07-842-177A-1
; Sequence 1, Application US/07842177A
; Patent No. 5348863
; GENERAL INFORMATION:
; APPLICANT: MONSANTO, PIERRE
; APPLICANT: PAUL, FRANCOIS
; APPLICANT: BETHEDE, DIDIER
; APPLICANT: SARMIENTOS, PAOLO
;
; TITLE OF INVENTION: PROCESS FOR THE ENZYMATIC PREPARATION OF
; TITLE OF INVENTION: BASIC FIBROBLAST GROWTH FACTOR
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/842,177A
; FILING DATE: 19920402
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9017008.5
; FILING DATE: 02-AUG-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5348863man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 769-263-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 521-4500
; TELEFAX: (703) 486-2347
; TELEX: 248855 OPAT UR
;
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 155 amino acids
; TYPE: AMINO ACID
; STRANDEDNESS: single
; TOPOLOGY: linear

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MOLECULE TYPE: protein
US-07-842-177A-1

Query Match      98.6%; Score 776; DB 1; Length 155;
Best Local Similarity 98.6%; Pred. No. 2.4e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 PALPEDGGGGAFFPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAER 60
   |||||
Db 10 PALPEDGGGGAFFPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAER 69

QY 61 GVWSIKGVCANRYLAMKEDGRLASKCVTDECFPERLESNNYNTYRSRKYSSWYVALKR 120
   |||||
Db 70 GVWSIKGVCANRYLAMKEDGRLASKCVTDECFPERLESNNYNTYRSRKYSSWYVALKR 129

QY 121 TGQYKLGPKTGGQKAILFLPMSAKS 146
   |||||
Db 130 TGQYKLGSKTGGQKAILFLPMSAKS 155

RESULT 11
US-08-177-502-2
; Sequence 2, Application US/08177502
; Patent No. 5371206
; GENERAL INFORMATION:
; APPLICANT: Seddon Dr., Andrew P.
; APPLICANT: Bohlen Dr., Peter
; APPLICANT: Gluzman Dr., Yakov
; TITLE OF INVENTION: Chimeric Fibroblast Growth Factors
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: 1937 West Main Street, P. O. Box 60
; CITY: Stamford,
; STATE: CT
; COUNTRY: USA
; ZIP: 06904-0060
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/177,502
; FILING DATE: 05-JAN-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/023,757
; FILING DATE: 26-FEB-1993
; APPLICATION NUMBER: US/07/615,202
; FILING DATE: 23-NOV-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsevdos Dr., Estelle J.
; REGISTRATION NUMBER: 31,145
; REFERENCE/DOCKET NUMBER: 31,219-00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 203-321-2756
; TELEFAX: 203-321-2971
; TELEX: 710-474-4059
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 155 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-177-502-2

Query Match      98.6%; Score 776; DB 1; Length 155;
Best Local Similarity 98.6%; Pred. No. 2.4e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 PALPEDGGGGAFFPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAER 60
   |||||
Db 10 PALPEDGGGGAFFPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAER 69

QY 61 GVWSIKGVCANRYLAMKEDGRLASKCVTDECFPERLESNNYNTYRSRKYSSWYVALKR 120
   |||||
Db 70 GVWSIKGVCANRYLAMKEDGRLASKCVTDECFPERLESNNYNTYRSRKYSSWYVALKR 129

QY 121 TGQYKLGPKTGGQKAILFLPMSAKS 146
   |||||
Db 130 TGQYKLGSKTGGQKAILFLPMSAKS 155

RESULT 12
US-08-439-725A-10
; Sequence 10, Application US/08439725A
; Patent No. 5693775
; GENERAL INFORMATION:
; APPLICANT: Nathans, Jeremy
; APPLICANT: Smallwood, Philip M.
; APPLICANT: Macke, Jennifer P.
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR HOMOLOGOUS
; TITLE OF INVENTION: FACTOR-1 (FHF-1) AND METHODS OF USE
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/439,725A
; FILING DATE: 12-MAY-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Halle, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/047001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 617/678-5099
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 155 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-439-725A-10

Query Match      98.6%; Score 776; DB 1; Length 155;
Best Local Similarity 98.6%; Pred. No. 2.4e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 PALPEDGGGGAFFPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAER 60
   |||||
Db 10 PALPEDGGGGAFFPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAER 69

QY 61 GVWSIKGVCANRYLAMKEDGRLASKCVTDECFPERLESNNYNTYRSRKYSSWYVALKR 120
   |||||
Db 70 GVWSIKGVCANRYLAMKEDGRLASKCVTDECFPERLESNNYNTYRSRKYSSWYVALKR 129

QY 121 TGQYKLGPKTGGQKAILFLPMSAKS 146
   |||||
Db 130 TGQYKLGSKTGGQKAILFLPMSAKS 155
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RESULT 13
US-08-325-632-1
; Sequence 1, Application US/08325632
; Patent No. 571458
; GENERAL INFORMATION:
; APPLICANT: ADAMI, MARCO
; APPLICANT: DALLA CASA, ROSANNA
; APPLICANT: GAMBINI, LUCIANO
; APPLICANT: MAGRINI, ROBERTO
; APPLICANT: MARIANI, ROSARIA
; APPLICANT: PERRONE, GIOVANNI
; TITLE OF INVENTION: STABLE PHARMACEUTICAL COMPOSITIONS
; TITLE OF INVENTION: CONTAINING A FIBROBLAST GROWTH FACTOR
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/325.632
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/966.077
; FILING DATE:
; APPLICATION NUMBER: GB 9015824.7
; FILING DATE: 18-JUL-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5714458man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 769-288-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)412-3000
; TELEFAX: (703)413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 155 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-325-632-1

Query Match 98.6%; Score 776; DB 1; Length 155;
Best Local Similarity 98.6%; Pred. No. 2.4e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 1 PALPEDGGGGAFFPGHFKDPKRLCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAER 60
|||||
Db 10 PALPEDGGGGAFFPGHFKDPKRLCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAER 69
QY 61 GVVSIGVCANRYLAMKEDGRLLASKCVTDECFERLESNNYNTYRSRKYTSWYVALKR 120
|||||
Db 70 GVVSIGVCANRYLAMKEDGRLLASKCVTDECFERLESNNYNTYRSRKYTSWYVALKR 129
QY 121 TGOYKLGKPTGPGQKAILFLPMSAKS 146
|||||
Db 130 TGOYKLGKPTGPGQKAILFLPMSAKS 155
RESULT 14

US-08-462-169B-10
; Sequence 10, Application US/08462169B
; Patent No. 5773252
; GENERAL INFORMATION:
; APPLICANT: John Greene and Craig A. Rosen
; TITLE OF INVENTION: Fibroblast Growth Factor-15
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/462,169B
; FILING DATE: 05 JUN 95
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: MULLINS, J.G.
; REGISTRATION NUMBER: 33,073
; REFERENCE/DOCKET NUMBER: 325800-441 (PF203)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 155 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
US-08-462-169B-10
Query Match 98.6%; Score 776; DB 1; Length 155;
Best Local Similarity 98.6%; Pred. No. 2.4e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 1 PALPEDGGGGAFFPGHFKDPKRLCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAER 60
|||||
Db 10 PALPEDGGGGAFFPGHFKDPKRLCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAER 69
QY 61 GVVSIGVCANRYLAMKEDGRLLASKCVTDECFERLESNNYNTYRSRKYTSWYVALKR 120
|||||
Db 70 GVVSIGVCANRYLAMKEDGRLLASKCVTDECFERLESNNYNTYRSRKYTSWYVALKR 129
QY 121 TGOYKLGKPTGPGQKAILFLPMSAKS 146
|||||
Db 130 TGOYKLGKPTGPGQKAILFLPMSAKS 155
RESULT 15
US-08-867-471-10
; Sequence 10, Application US/08867471
; Patent No. 5872226
; GENERAL INFORMATION:
; APPLICANT: Nathans, Jeremy
; APPLICANT: Smallwood, Philip M.
; APPLICANT: Macke, Jennifer P.
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR HOMOLOGOUS
; TITLE OF INVENTION: FACTOR-1 (FHF-1) AND METHODS OF USE
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla

STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/867,471
FILING DATE: 02-JUN-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/439,725
FILING DATE: 12-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/047001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 617/678-5099
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 155 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-867-471-10

Query Match 98.6%; Score 776; DB 2; Length 155;
Best Local Similarity 98.6%; Pred. No. 2.4e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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Db	10	PALPDDGGGAFPPGHEKDPKRLCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAEE	69
QY	61	GVVSIKGVCANRYLAMKEDGRLASKCVTDECFERLESNNYNTYRSRYSSWYVALKR	120
Db	70	GVVSIKGVCANRYLAMKEDGRLASKCVTDECFERLESNNYNTYRSRYSSWYVALKR	129
QY	121	TGQYKLGPKTGPQKAILFLPMSAKS	146
Db	130	TGQYKLGSKTGPQKAILFLPMSAKS	155

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Job time: 41 sec